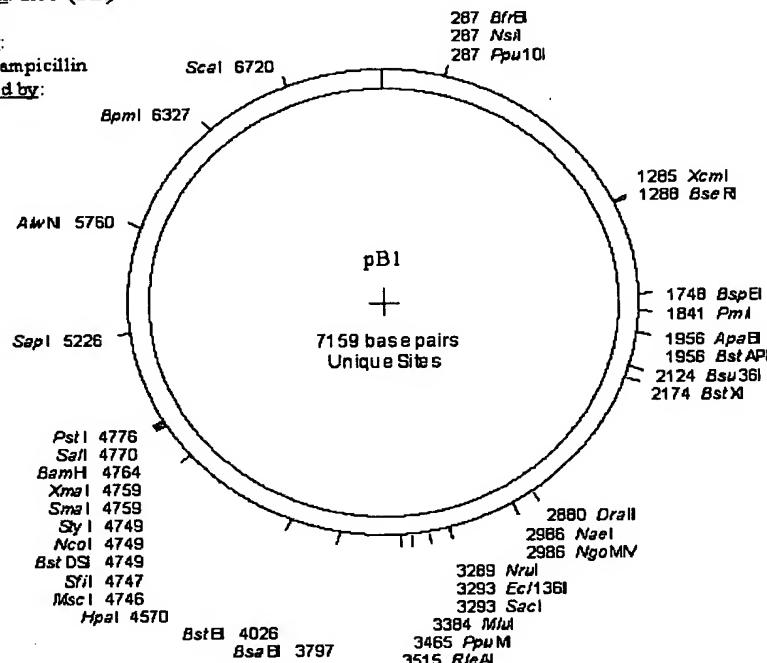


**FIGURE 1****pB1**

Alias: pAS2DD  
Application: ZHY (baid)  
Backbone:  
Specificity:  
Selection: ampicillin  
Constructed by:

**Oligo 160**

gagatgtacaaaggtc AAAGACAGTTGACTGTATGCCGG GAA TTT AT

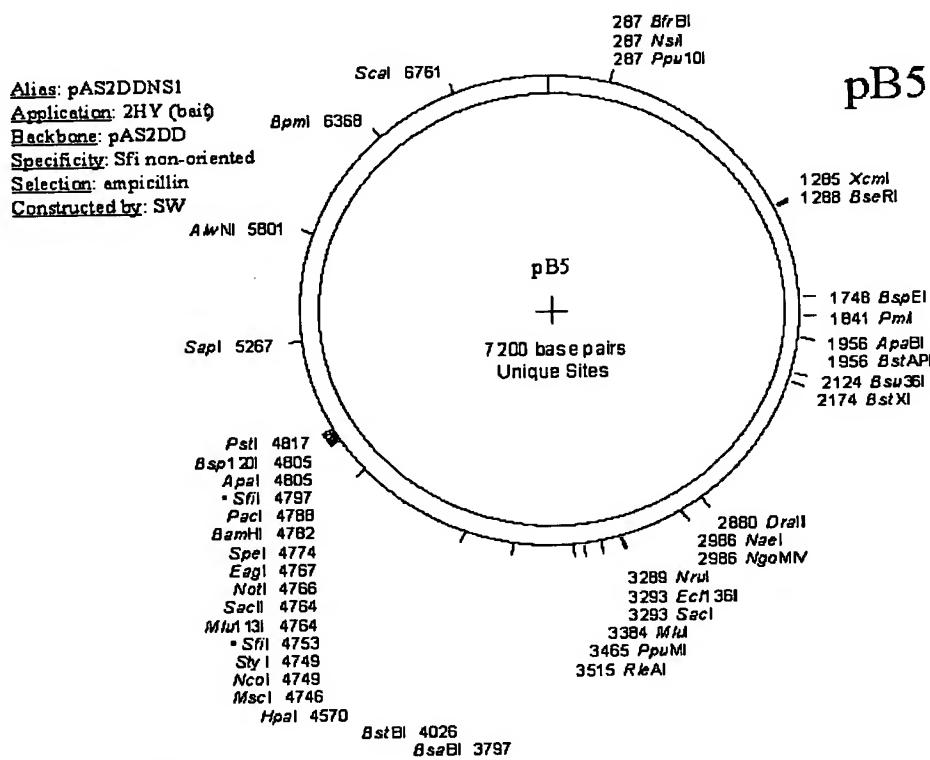
<u>Sfi I</u>	<u>Sma I</u>	<u>BamHI</u>	<u>Sal I</u>	<u>Pst I</u>
G    GCC	ATG    GAG	CCG    GGG	ATC    CGT	CCT    GCA
Nco I				

**Oligo 161**

AAG   CTA   ATT   ccgggcgaatttctttatg

**Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'**  
**Oligo 161 5' CATAAGAAATTGCCCGG 3'**

FIGURE 2



Oligo 160

gagagtagtaacaaaggtc AAAGACAGTTGACTGTATGCCG GAA TTT ATG

Sfi I	Sac II	Spe I	Bam HI
GCC ATG	GCC GCA	GCG GCC	GCA CTA GTG GGG ATC C
Nco I	Not I		

STOP	Sfi I	Pst I
TT AAT	TAA	GGG CCA CTG GGG CCC CTC GAC CTG CAG CCA
Pac I		

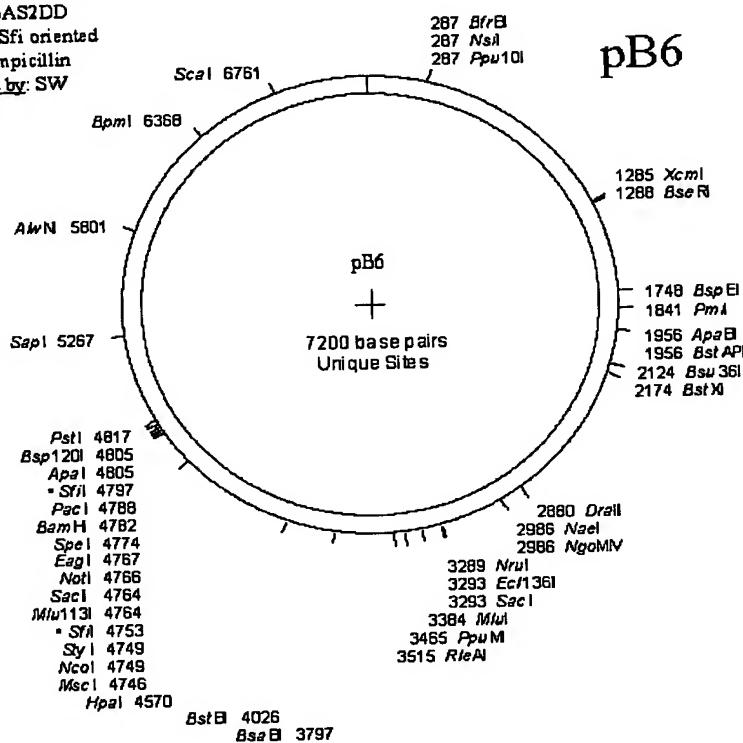
Oligo 161

AGC TAA TT ccgggcgaatttcttate

Oligo 160 5' GAGAGTAGTAACAAAGGTG 3'  
 Oligo 161 5' CATAAGAAATTGCCCGG 3'

FIGURE 3

Application: 2HY (baI)  
Backbone: pAS2DD  
Specificity: Sfi oriented  
Selection: ampicillin  
Constructed by: SW



Oligo 160  
 gagagttagtaacaaaggc [AAAGACAGTTGACTGTATCGCCG GAA TTT ATG]

Sfi I	Sac II	Spe I	Bam HI
GCC ATG	GCC GGA CGG	GCG GCC GCA CTA GTG	GGG ATC C
Nco I		Not I	

STOP	Sfi I	Apa I	Pst I
TT AAT [TAA]	GGG CCA CTG GGG CCC CTC GAC	CTG CAG CCA	
Pac I			

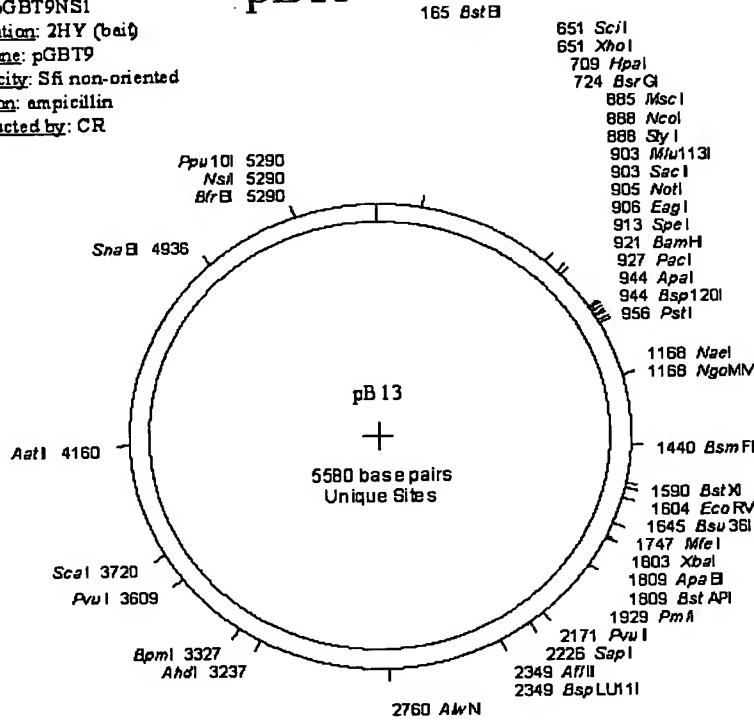
Oligo 161  
 AGC TAA TT [ccgggcgaatttcttatg]

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'  
 Oligo 161 5' CATAAGAAATTGCCCCGG 3'

FIGURE 4

## pB13

Alias: pGBT9NS1  
Application: 2HY (baI)  
Backbone: pGBT9  
Specificity: Sfi non-oriented  
Selection: ampicillin  
Constructed by: CR



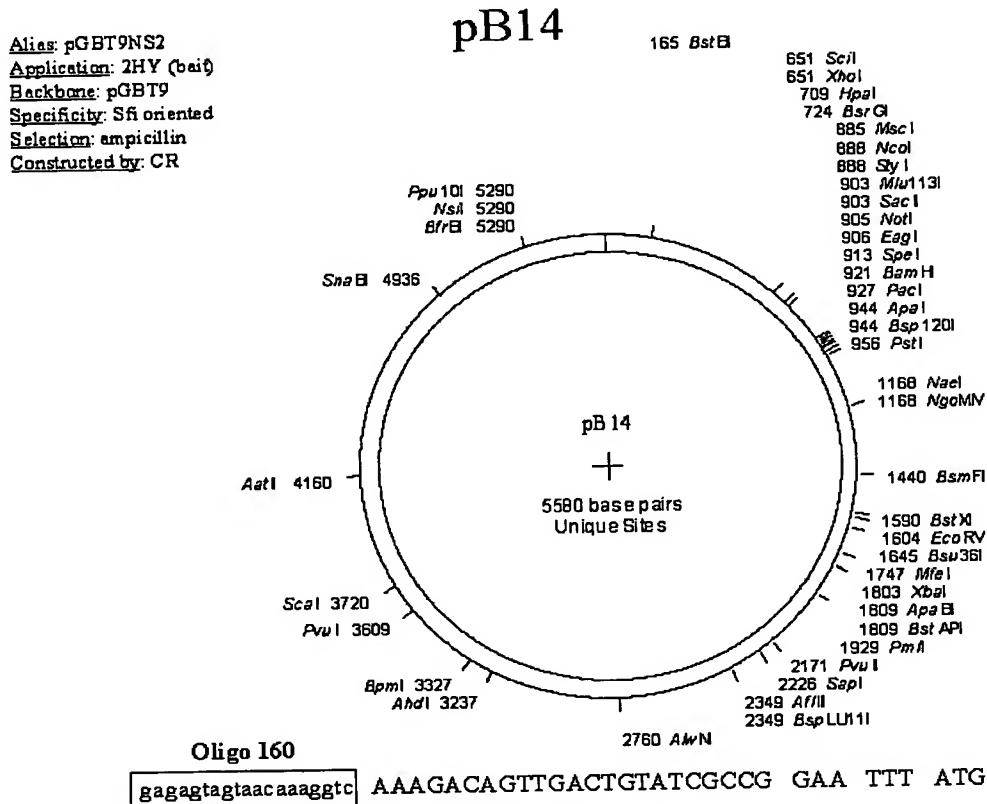
## Oligo 160

[gagagtagtaacaagg] AAAGACAGTTGACTGTATGCCG GAA TTT ATG

<u>Sfi I</u>	<u>Sac II</u>	<u>Spe I</u>
GCC ATG GCC GCA GGG GCC	GCG GCC GCA CTA GTG	
<u>Nco I</u>	<u>Not I</u>	
<hr/>		
<u>Bam HI</u>	<u>STOP</u>	<u>Spe I</u>
GGG ATC CTT AAT [TAA]	GGG CCA CTG GGG CCC CTC GAC	
<hr/>		
<u>Pac I</u>		
<hr/>		
<u>Pst I</u>	Oligo 161	
CTG CAG CCA AGC TAA TT	[ccgggcgaattcttatg]	

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'  
 Oligo 161 5' CATAAGAAATTGCCCGG 3'

FIGURE 5



<u>Sfi I</u>	<u>Sac II</u>	<u>Spe I</u>
GCC ATG	GCC GGA CGG	GCG GCC GCA CTA GTG
<u>Nco I</u>	<u>Not I</u>	

<u>Bam HI</u>	<u>STOP</u>	<u>Sfi I</u>	<u>Apa I</u>
GGG ATC CTT	AAT TAA	GGG CCA CTG	GGG CCC CTC GAC
		<u>Pac I</u>	

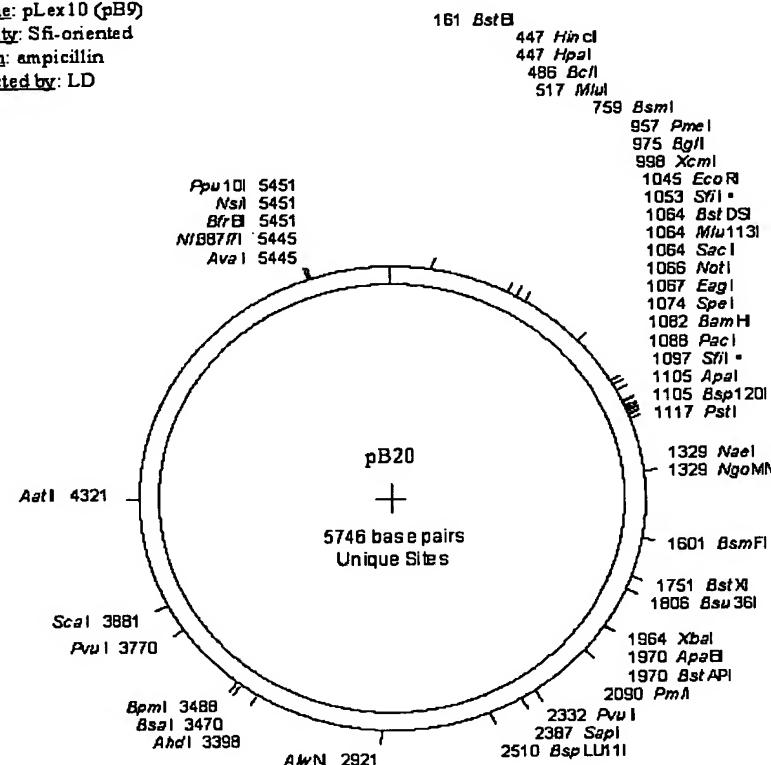
<u>Pst I</u>	<u>Oligo 161</u>
CTG CAG CCA AGC TAA TT	tcggggcgaattttatg

Oligo 160 5' GAGAGTAGTAAACAAAGGTC 3'  
Oligo 161 5' CATAAGAAATTGCCCGG 3'

FIGURE 6

## pB20

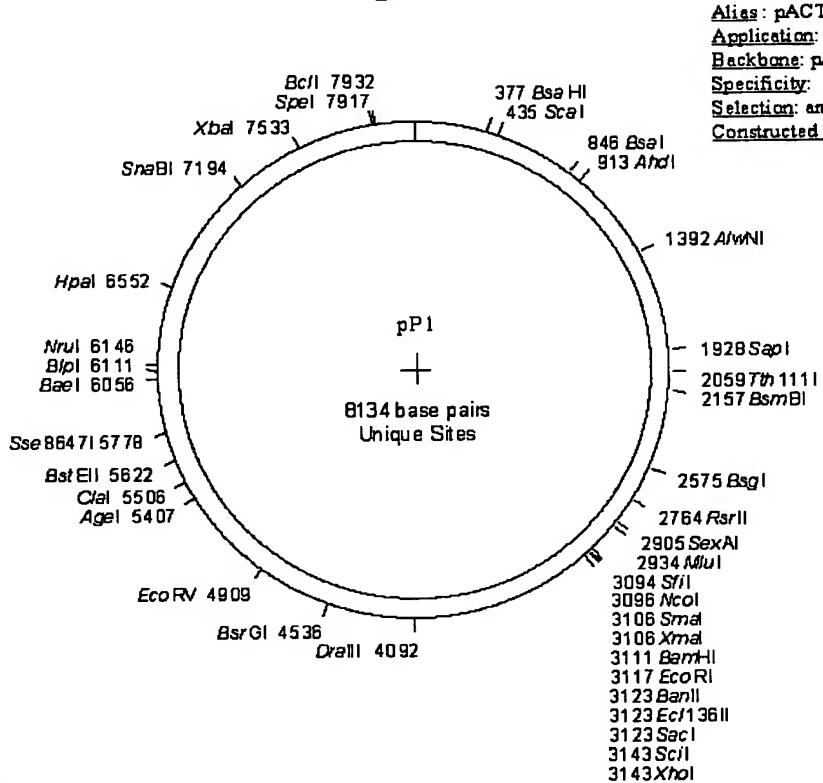
Alias: pLex10NS2  
Application: 2HY (bait)  
Backbone: pLex10 (pB9)  
Specificity: Sfi-oriented  
Selection: ampicillin  
Constructed by: LD



EcoR I	Sfi I	Not I	Spe I								
GAA	TTC	GGG	GCC	GGA	CGG	GCC	GCG	GCC	GCA	CTA	GTG
STOP				Sac II							
<u>Bam</u> HI				<u>Pac</u> I		<u>Sfi</u> I					
GGG	ATC	CTT	AAT	<u>TAA</u>	GGG	CCA	CTG	GGG	CCC	CTC	GAC
Pst I											
CTG CAG											

FIGURE 7

## pP1



Alias: pACTIIst  
Application: 2HY (prey)  
Backbone: pACTII  
Specificity:  
Selection: ampicillin  
Constructed by:

## ABS1

cgttggaaatcatacagg GATGTTAATACCACTACAATGGATGATGTATATAACTATCTATT

## JC90

cgtatgatgaagataccccaccaa CCCAAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

Nco IXho ISma IBam H I

ATTACGCTAGCTGGGTGGTCATATGGCC ATG GAG GCC CCG GGG ATC CGA ATT

Sac I

CGA GCT CGA CTA GCT AGC TGA CTC GAG AGA TCT ATGAAT

cgtagatactgaaaaacccc

GCAAGTT

cacttcaactgtgcatcg

caccatctcaatttc

162

ABS2

53

ABS1 5' CGTTTGGAAATCACTACAGG 3'

JC90 5' CGATGATGAAGATACCCCACCAA 3'

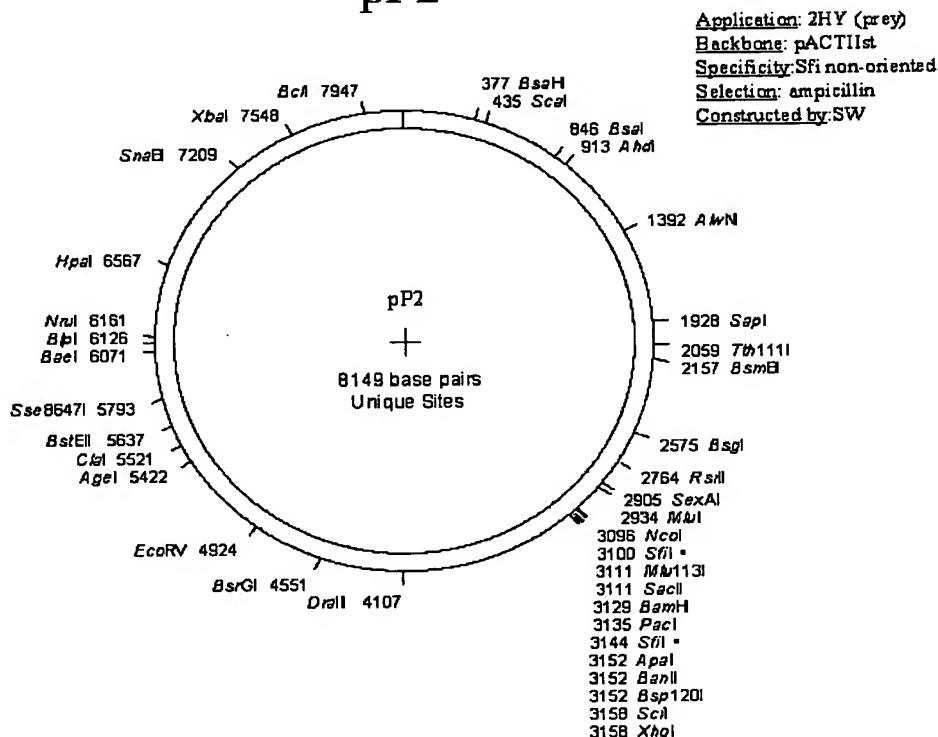
162 5' GGGGTTTTCAGTATCTACG 3'

ABS2 5' CACGATGCACAGTTGAAGTG 3'

53 5' GAAATTGAGATGGTCACGATGCAC 3'

FIGURE 8

## pP2



## ABS1

CG [cgtttggaaatcaactacagg] GATGTTAACCACTACAATGGATGATGTATAACTATCTATT

## JC90

Bgl II

[cgatgatgaagataccccacccaa] CCCAAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

Sfi ISac II

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GCC GCA GGG GCC GCG GCC GCA

BamH IPac INco I

CTA GTG GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAG AGA TCT  
Stop

ATGAAT [cgttagatctaaaaacccc]

GCAAGTT

cacttcaactgtgcacatcg

caccatctcaatttc

162

ABS2

53

ABS1 5' CGTTTGGAAATCACTACAGG 3'

JC90 5' CGATGATGAAGATAACCCACCAA 3'

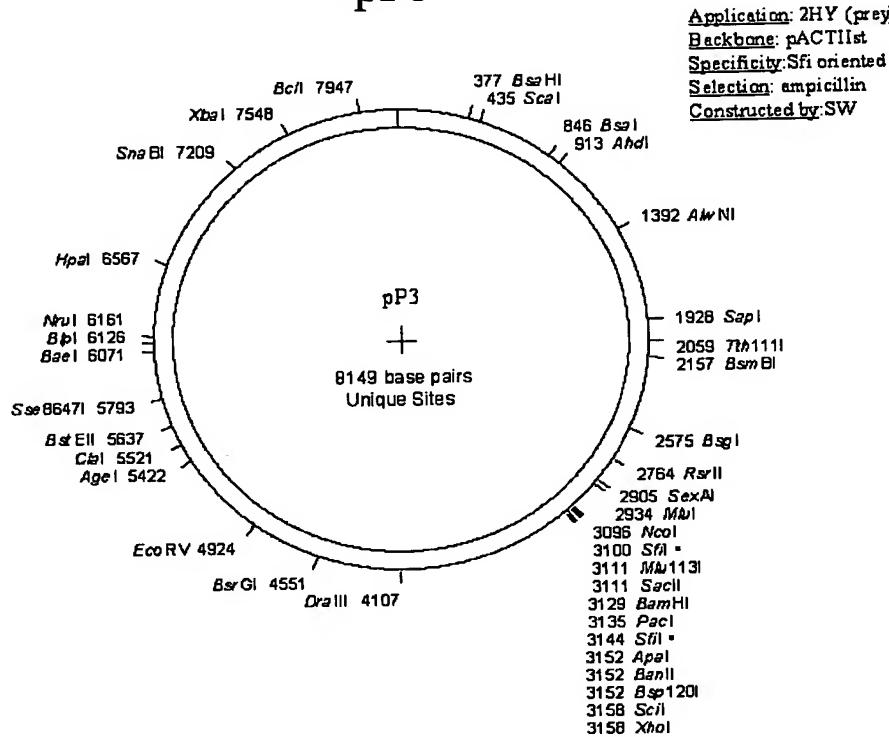
162 5' GGGGTTTCAGTATCTACG 3'

ABS2 5' CACGATGCACAGTTGAAGTG 3'

53 5' GAAATTGAGATGGTCACGATGCAC 3'

FIGURE 9

## pP3



**ABS1**

CG [cgtttggaaatcactacagg] GATGTTAACCACTACAATGGATGATGTATAACTATCTATT

**JC90**

JC90 [cgatgatgaagataccccacccaa] CCCAAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

**Bgl II**

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GCC GGA CGG GCC GCG GCC GCA

**Nco I**

CTA GTG GGG ATC CTT AAT [TAA] GGG CCA CTG GGG CCC CTC GAG AGA TCT

Stop

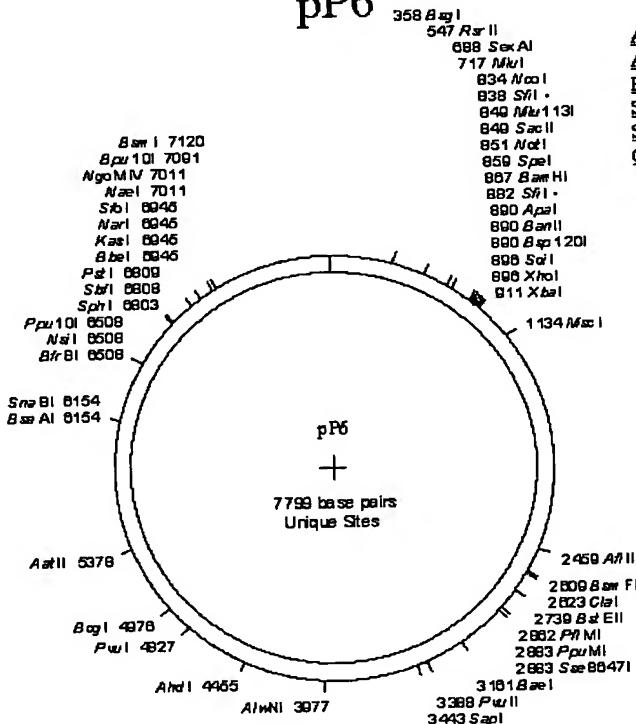
ATGAAT [cgtagatactgaaaaacccc] GCAAGTT cacttcaactgtgcacatcgac caccatctcaattc

162 ABS2 53

**ABS1 5' CGTTTGGAAATCACTACAGG 3'**  
**JC90 5' CGATGATGAAGATAACCCACCAAA 3'**  
**162 5' GGGGTTTTCACTATCTACG 3'**  
**ABS2 5' CACGATGCACAGTTGAAGTG 3'**  
**53 5' GAAATTGAGATGGTGCACGATGCAC 3'**

FIGURE 10

pP6



**Alias:** pGAD3S2XNS1  
**Application:** 2HY (prey)  
**Backbone:** pGAD3S2X  
**Specificity:** Sfi non-oriented  
**Selection:** ampicillin  
**Constructed by:** SW

**ABS1**

cgttggaaatcactacagg	GATGTTAATACCACTACAATGGATGATGTATAACTATCTATT
---------------------	--

**1188**

cgtatgatgaagataccccaccata	CCCAAAAAAAAGAGATCCTAGAACTA
---------------------------	----------------------------

<b>JC90</b>	<b>Sfi I</b>	<b>Sac II</b>	<b>Spe I</b>	<b>Bam HI</b>
-------------	--------------	---------------	--------------	---------------

GCC	ATG	GCC	GCA	GGG	GCC	GCG	GCC	GCA	CTA	GTG	GGG	ATC	C
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---

**Nco I****Not I****STOP****Sfi I****Xho I****Xba I**

TT	AAT	TAA	GGG	CCA	CTG	GGG	CCC	CTC	GAG	TAG	CTA	GTG	TCT	AGA
										STOP	STOP	STOP		

GGCCCGGTACCAATTGCCCTATAGTGAGTCGTATTACAATTCACTGGCCG TCGTTTA

CAACGTCGTGACTGGGAAAACCCCTGATCTATGAAT cgtatgatgaaaaaccc GCAA

**162**

GTT	cactcaactgtcatgt	caccatctcaatttttc
-----	------------------	-------------------

**ABS2****53**

ABS1 5' CGTTTGGAAATCACTACAGG 3'

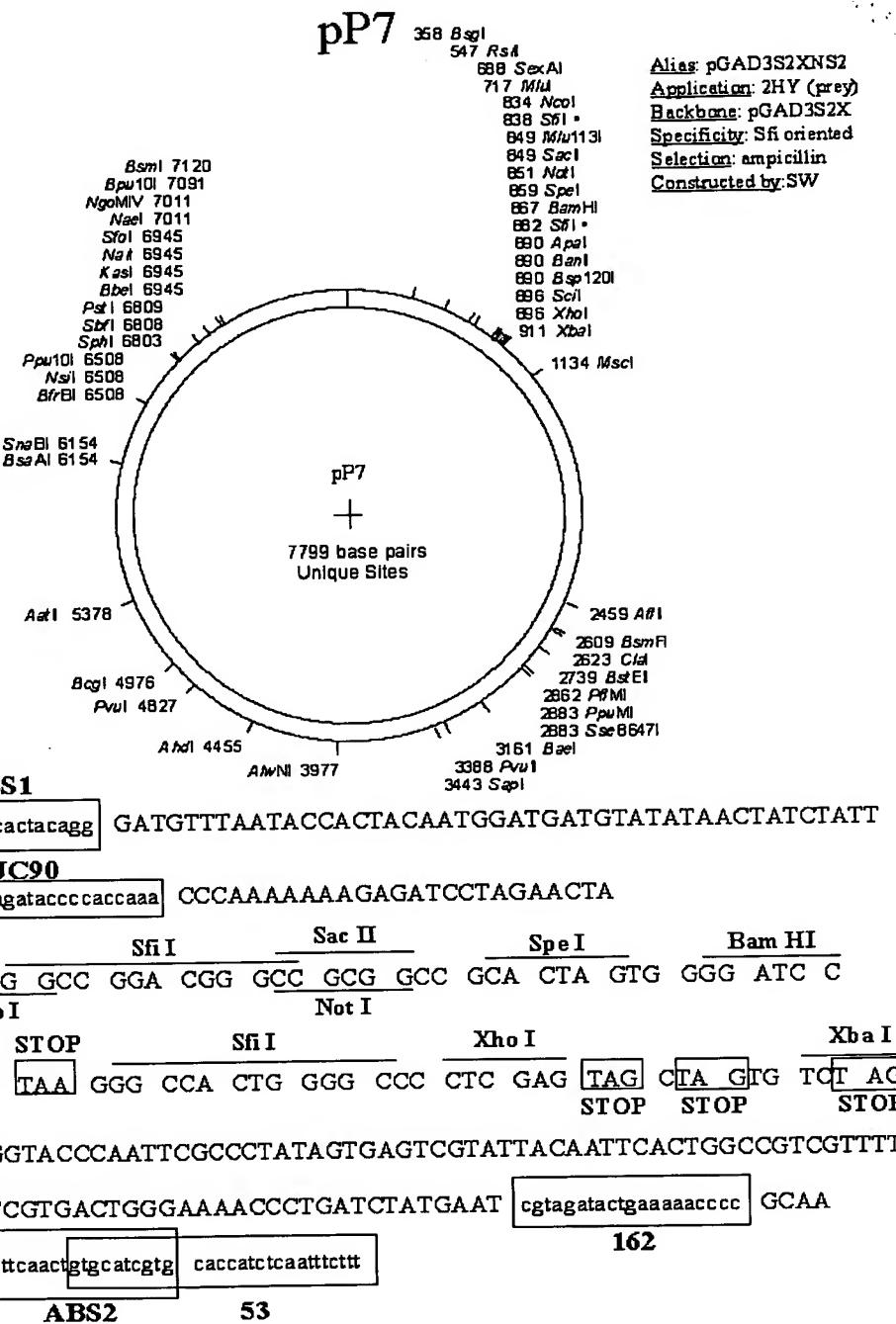
JC90 5' CGATGATGAAGATAACCCACCAAA 3'

162 5' GGGGTTTCAGTATCTACG 3'

ABS2 5' CACGATGCACAGTGAAGTG 3'

53 5' GAAATTGAGATGGTCACGATGCAC 3'

FIGURE 11



ABS1 5' CGTTTGGAAATCACTACAGG 3'  
 JC90 5' CGATGATGAAGATAACCCACCAAA 3'  
 162 5' GGGGTTTCAGTATCTACG 3'  
 ABS2 5' CACGATGCACAGTTGAAGTG 3'  
 53 5' GAAATTGAGATGGTCACGATGCAC 3'

FIGURE 12

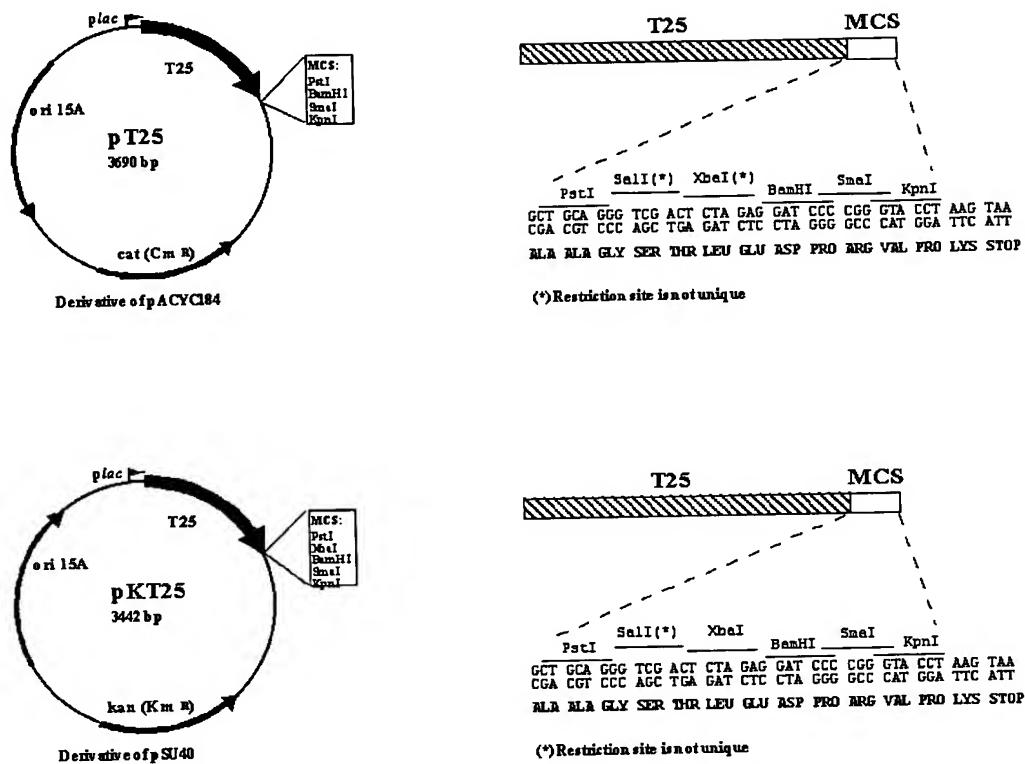


FIGURE 13

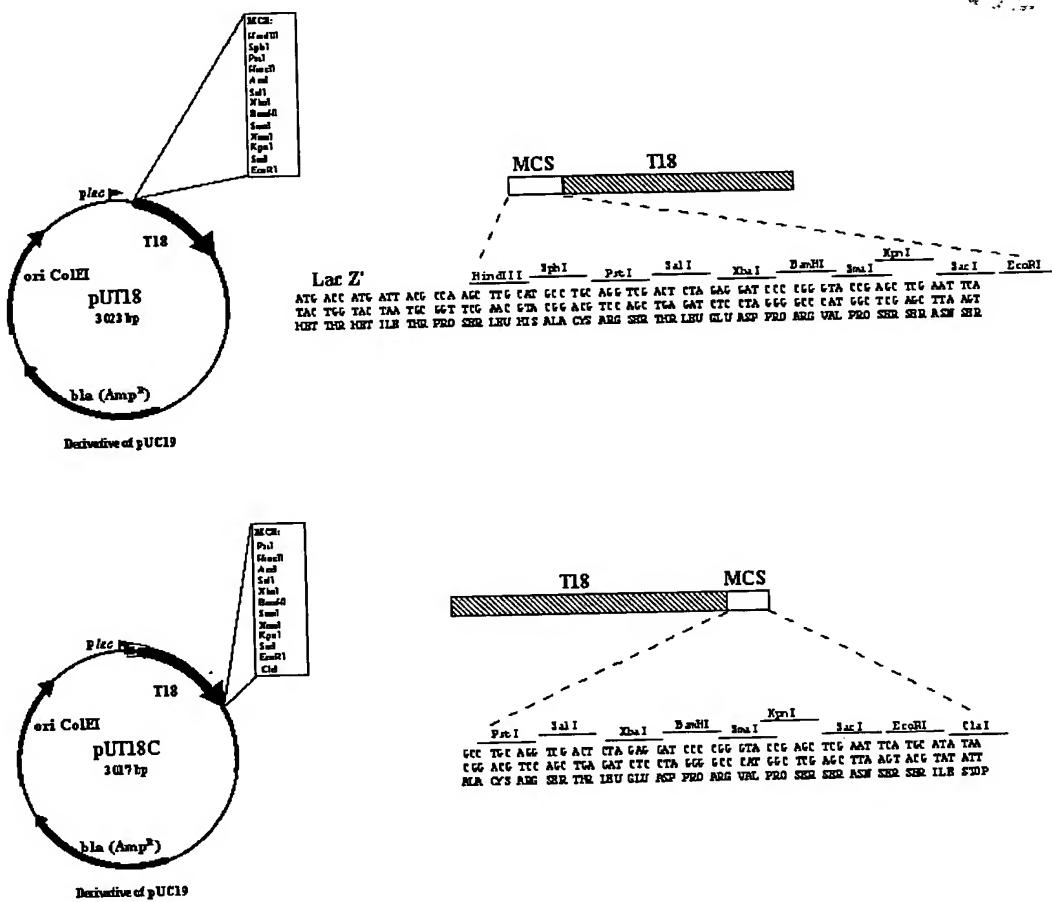
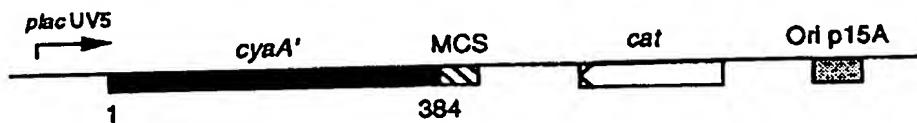
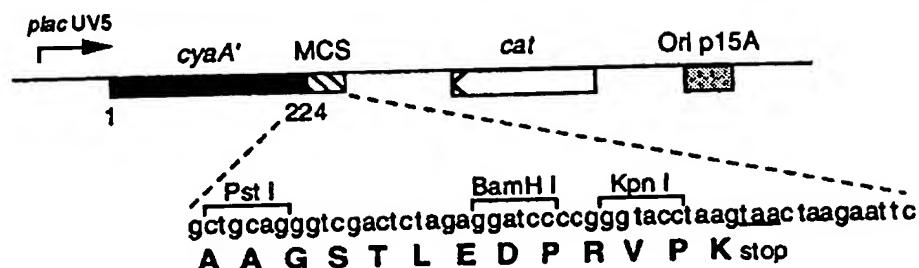
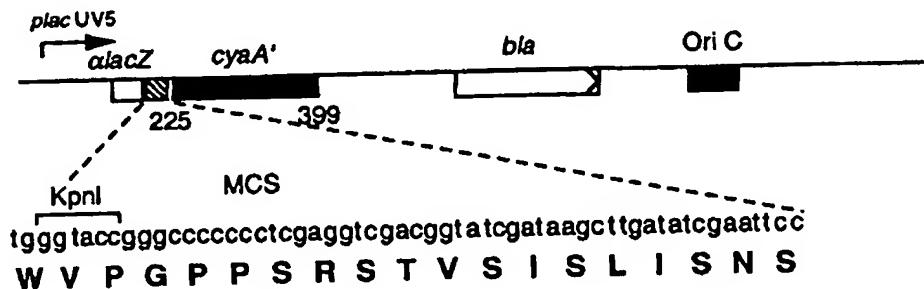


FIGURE 14

**pCmAHL1****pT25****pT18**

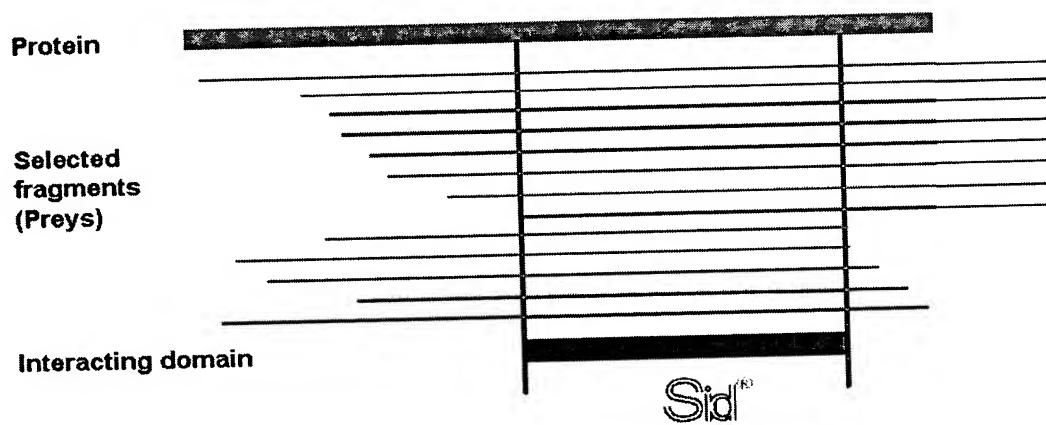
**FIGURE 15****Selective Interaction Domain (SID®)**

FIGURE 16  
Protein Interaction Map (PIM®)

